

DIMENSIONS ARE SUBJECT TO CHANGE, NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED.

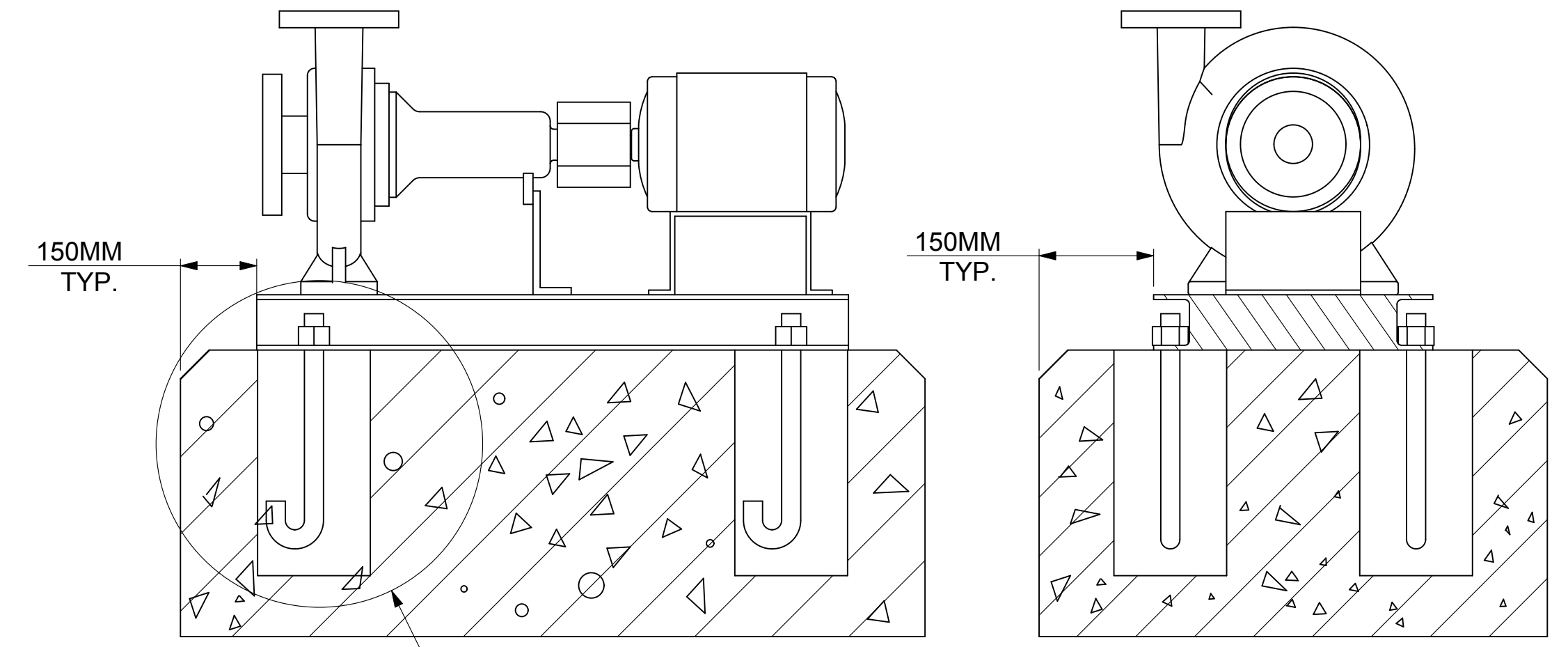
DIMENSIONS- Inches (mm)			STANDARD SEAL 1510, 1510-F														WEIGHT	OPERATING
MOTOR FRAME	MOTOR KW	MOTOR RPM	HA	HB	HC MAX	HD	2HE	HF1	HF2	HH	HL	HM MAX	HO	HP	Y	Z	kg. APPROX	WEIGHT kg. APPROX
71	0.37	1450	12 (305)	28-3/4 (730)	28-1/4 (715)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	---	3/4 (19)	4-3/8 (111)	12-3/4 (324)	15-3/4 (400)	3 (76)	4-1/4 (108)	4-11/16 (119)	92	115
80	0.55 0.75	1450	12 (305)	28-3/4 (730)	29-5/8 (752)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	---	3/4 (19)	4-3/8 (111)	13-3/8 (340)	15-3/4 (400)	3 (76)	4-1/4 (108)	4-11/16 (119)	98	123
90S	1.1	1450	12 (305)	28-3/4 (730)	29-3/4 (756)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	---	3/4 (19)	4-3/8 (111)	13-1/2 (343)	15-3/4 (400)	3 (76)	4-1/4 (108)	4-11/16 (119)	110	137
90L	1.5	1450	12 (305)	28-3/4 (730)	30-3/4 (781)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	---	3/4 (19)	4-3/8 (111)	13-1/2 (343)	15-3/4 (400)	3 (76)	4-1/4 (108)	4-11/16 (119)	113	141
90L	2.2	2900	12 (305)	28-3/4 (730)	30-3/4 (781)	9-3/4 (248)	10-1/4 (260)	22-1/2 (572)	---	3/4 (19)	4-3/8 (111)	13-1/2 (343)	15-3/4 (400)	3 (76)	4-1/4 (108)	4-11/16 (119)	113	141
112M	4	2900	14-5/8 (371)	31 (787)	33-1/2 (851)	9-3/4 (248)	12-7/8 (327)	25 (635)	---	3/4 (19)	3 (76)	15 (381)	15-3/4 (400)	3 (76)	4-1/4 (108)	4-11/16 (119)	131	163
132S	5.5, 7.5	2900	14-5/8 (371)	34-5/8 (879)	36-3/4 (933)	10-3/4 (273)	12-7/8 (327)	28-5/8 (727)	---	3/4 (19)	3 (76)	15-1/2 (394)	16-3/4 (425)	3 (76)	4-1/4 (108)	4-11/16 (119)	184	229
160M	11	2900	14-5/8 (371)	39-3/8 (1000)	42 (1067)	11-3/4 (298)	12-7/8 (327)	33-3/8 (848)	---	3/4 (19)	3 (76)	17-5/8 (448)	17-3/4 (451)	3 (76)	4-1/4 (108)	4-11/16 (119)	257	321

MAXIMUM WORKING PRESSURE 175 PSI ( 12 BAR)  
FLANGE ARE 125# ANSI - STANDARD

FLANGE DIMENSIONS IN INCHES (MM)						
	SIZE	O.D.	THICKNESS	PCD	HOLE DIA.	NO OF HOLES
DISCHARGE	2-1/2	7 (178)	0.69 (17)	5.5 (140)	0.75 (19)	4
SUCTION	3	7.63 (194)	0.75 (19)	6 (152)	0.75 (19)	4

DEVIATION FOR LINEAR DIMENSIONS ARE AS PER IS:2102 VERY COARSE CLASS.

ABOVE	0.5	3	6	30	120	400	1000	2000
UP TO & INCLUDING	3	6	30	120	400	1000	2000	4000
VERY COARSE CLASS	---	± 0.5	± 1.0	± 1.5	± 2.5	± 4.0	± 6.0	± 8.0



NOTE :

- 1) THE FOUNDATION TO BE MADE OF CONCRETE ON SOLID GROUND.
- 2) FOUNDATION BOLTS & PACKER PLATES TO BE GROUTED WITH QUICK SETTING NON-SHRINK GROUT ONLY.
- 3) RECOMMENDED MAKE : ACC "SHRINKKOMP" / FORSORC "CONBEXTRA-GP2" OR EQUIVALENT BALANCE HOLLOW PORTION OF BASEFRAME TO BE GROUTED WITH PORTLAND CEMENT, SAND & AGGREGATE IN PROPORTION OF 1:2:2 GRAVEL SIZE SHOULD BE < 18 TO 20 MM. AFTER FINAL GROUTING ALL SURFACE SHOULD BE FINISHED WITH FINE PLASTER.
- 4) THE FOUNDATION MUST BE ATLEAST 2.5 TIMES THE WEIGHT OF THE PUMP UNIT.
- 5) FOUNDATION DETAILS ARE FOR REFERENCE ONLY, SHOULD BE CONSTRUCTED BY CUSTOMER AS PER SITE REQUIREMENT ONLY.
- 6) PUMP SET IMAGE IS PROVIDED FOR DIMENSIONS REFERENCE ONLY AND IS NOT TO SCALE.

GENERAL TOLERANCE DETAILS										TITLE				DWG NO.	
NO.	DESCRIPTION	DATE	BY	CHKD.	APP.	NO.	DATE	BY	CHKD.	APP.	1510 2-1/2AB PUMP		1510-2-1/2AB		
03	ADDED	13/03/15	VP	DJ	KS						MATERIAL		THIRD ANGLE PROJECTION		
02	MOTOR FRAME SIZE CORRECTED AND FLANGE DETAIL ADDED	21/02/14	VP	DJ	KS						DATE		SCALE		
01	FOUNDATION DETAILS ADDED	08/02/14	VP	DJ	KS						14/08/12	DJ	14/08/12	NTS	
04	SUPPORT FOOT MOUNTING DIRECTION CHANGED	12/12/16	VP	KS	KS	00					TOLERANCES UNLESS OTHERWISE SPECIFIED:				
	REVISION	DATE	BY	CHKD.	APP.						XXXE	XXXXE	XXXXE	XXXXE	
	REVISION	DATE	BY	CHKD.	APP.						ANGLE	FRAC			